## Fuel cell with improved long term performance, method for operating a PME fuel cell and PME fuel cell battery

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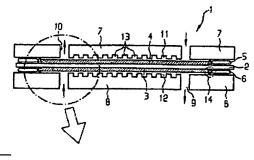
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The invention relates to a PEM fuel cell which has a new type of edge structure, in which a reservoir of water is formed in a minute gap between membrane and edge seal, which considerably improves the utilization time of a polymer electrolyte membrane, in particular with dry process gases.



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